

SEQUENCE LISTING

<110> Schneider, Patrick A.
French, Cynthia K.
Yamamoto, Karen K.
Reprogen, Inc.

<120> Use of Prothymosin in the Diagnosis and Treatment of
Endometriosis

<130> 018002-001010US

<140> US 09/485,193
<141> 2000-02-03

<150> WO PCT/US99/12336
<151> 1999-06-03

<150> US 60/088, 016
<151> 1998-06-04

<160> 4

<170> PatentIn Ver. 2.0

<210> 1
<211> 1161
<212> DNA
<213> Homo sapiens

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<223> prothymosin clone REPRO-EN-203

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<221> CDS
<222> (166)..(498)
<223> prothymosin deduced amino acid sequence

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gctttctttt taatccccgt catcgatca ccggcggtgcc ccacc atg tca gac gca 177
Met Ser Asp Ala
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gcc gta gac acc agc tcc gaa atc acc acc aag gac tta aag gag aag 225
Ala Val Asp Thr Ser Ser Glu Ile Thr Thr Lys Asp Leu Lys Glu Lys
5 10 15 20

aag gaa gtt gtg gaa gag gca gaa aat gga aga gac gcc cct gct aac 273
Lys Glu Val Val Glu Glu Ala Glu Asn Gly Arg Asp Ala Pro Ala Asn
25 30 35

ggg aat gct aat gag gaa aat ggg gag cag gag gct gac aat gag gta 321
Gly Asn Ala Asn Glu Glu Asn Gly Glu Gln Glu Ala Asp Asn Glu Val
40 45 50

DRAFT

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Asp Glu Glu Glu Glu Gly Gly Glu Glu Glu Glu Glu Glu Glu Glu Glu			
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ggt gat ggt gag gaa gag gat gga gat gaa gat gag gaa gct gag tca		417	
Gly Asp Gly Glu Glu Asp Gly Asp Glu Asp Ala Glu Ser			
70	75	80	
gct acg ggc aag cgg gca gct gaa gat gat gag gat gac gat gtc gat		465	
Ala Thr Gly Lys Arg Ala Ala Glu Asp Asp Glu Asp Asp Asp Val Asp			
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acc aag aag cag aag acc gac gag gat gac tagacagcaa aaaaggaaaa		515	
Thr Lys Lys Gln Lys Thr Asp Glu Asp Asp			
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gttaaactaa aaaaaaaaaag gccgccgtga cctattcacc ctccacttcc cgtctcagaa		575	
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aaaaggtttc ttttttttc cttttttgtc tatgaagttt ctgtttatcc ttttggcct		1115	
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<212> PRT
<213> Homo sapiens

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Leu Lys Glu Lys Lys Glu Val Val Glu Glu Ala Glu Asn Gly Arg Asp
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Ala Pro Ala Asn Gly Asn Ala Asn Glu Glu Asn Gly Glu Gln Glu Ala
35 40 45

Asp Asn Glu Val Asp Glu Glu Glu Glu Gly Gly Glu Glu Glu Glu
50 55 60

Glu Glu Glu Glu Gly Asp Gly Glu Glu Asp Gly Asp Glu Asp Glu
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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:5' primer

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<223> Description of Artificial Sequence:3' primer

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